

=> fil reg

FILE 'REGISTRY' ENTERED AT 11:35:40 ON 25 AUG 2005  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 23 AUG 2005 HIGHEST RN 861509-89-9  
DICTIONARY FILE UPDATES: 23 AUG 2005 HIGHEST RN 861509-89-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

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\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d sta que l11

L10 1063637 SEA FILE=REGISTRY ABB=ON PLU=ON R.[LFVAY] [TLFK] {2-4} [DE] /SQS  
P  
L11 983 SEA FILE=REGISTRY ABB=ON PLU=ON L10 AND 7-13/SQL NOT  
MULTICHAIN/NTE

=> d sta que l33

L33 27124 SEA FILE=REGISTRY ABB=ON PLU=ON R.[LFVAY] [TLFK] {2-4} [DE] [DE]  
[DE] /SQSP

=> d his

(FILE 'HOME' ENTERED AT 10:59:30 ON 25 AUG 2005)  
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 11:00:04 ON 25 AUG 2005

L1 1 S (WO99-CA1058 OR CA98-2249648)/AP,PRN  
E SEIDAH/AU  
L2 495 S E6-E12  
E NABIL/AU  
L3 2 S E14  
E SIEDAH/AU

L4           E CHRETIEN M/AU  
498 S E3-E7,E14,E15  
          E MARCINKIEWICZ/AU  
L5           68 S E27,E32,E33  
          E MARCINKIEWIC/AU  
          E MARCINKIEWC/AU  
          E MIECZYSLAW/AU  
L6           1 S E3  
          SEL RN L1

FILE 'REGISTRY' ENTERED AT 11:04:31 ON 25 AUG 2005

L7           88 S E1-E88  
L8           13 S L7 AND 7-13/SQL  
L9           44 S L7 AND PROTEIN/FS NOT L8  
L10          1063637 S R. [LFVAY] [TLFK] . {2-4} [DE] /SQSP  
L11          983 S L10 AND 7-13/SQL NOT MULTICHAIN/NTE  
          SAV L11 MOORE830/A  
L12          7 S L7 AND L11  
L13          6 S L8 NOT L12  
L14          1 S 269399-88-4  
L15          8 S L12,L14  
L16          976 S L11 NOT L15

FILE 'HCAOLD' ENTERED AT 11:10:36 ON 25 AUG 2005

L17          0 S L15  
L18          0 S L16

FILE 'HCAPLUS' ENTERED AT 11:10:48 ON 25 AUG 2005

L19          3 S L15  
L20          3 S L19 AND L1-L6  
L21          589 S L16  
L22          3 S L21 AND L1-L6  
L23          4 S L20,L22  
L24          586 S L21 NOT L23  
L25          256 S L24 AND (PD<=19981104 OR PRD<=19981104 OR AD<=19981104)  
L26          142 S L25 NOT P/DT  
L27          114 S L25 NOT L26  
          SEL HIT RN L23  
          SEL HIT RN L25

FILE 'REGISTRY' ENTERED AT 11:14:04 ON 25 AUG 2005

L28          10 S E89-E98  
L29          379 S E99-E477  
L30          10 S L28 AND L7,L10  
L31          379 S L29 AND L7,L10  
L32          379 S L31 AND L11  
          SAV L30 MOORE830A/A  
          SAV L32 MOORE830B/A  
L33          27124 S R. [LFVAY] [TLFK] . {2-4} [DE] [DE] [DE] /SQSP  
L34          4 S L32 AND L33  
          SAV L34 MOORE830C/A

FILE 'HCAPLUS' ENTERED AT 11:19:57 ON 25 AUG 2005

L35          5 S L30  
L36          3 S L34  
L37          4 S L35,L36 AND L1-L6  
L38          4 S L35,L36 NOT L37  
L39          3 S L38 NOT 2001/PY

FILE 'USPATFULL' ENTERED AT 11:20:45 ON 25 AUG 2005

jan delaval - 25 august 2005

L40 244 S L15 OR L16  
L41 101 S L40 AND (PD<=19981104 OR PRD<=19981104 OR AD<=19981104)  
L42 1545 S L33  
L43 2 S L41 AND L42  
L44 0 S L40 AND (SEIDAH N? OR CHRETIEN M? OR MARCINKIEWICZ M?)/AU

FILE 'REGISTRY' ENTERED AT 11:35:40 ON 25 AUG 2005

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 11:36:09 ON 25 AUG 2005

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FILE COVERS 1907 - 25 Aug 2005 VOL 143 ISS 9

FILE LAST UPDATED: 24 Aug 2005 (20050824/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l38 or l39

L45 4 L38 OR L39

=> d all hitstr tot

L45 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:429240 HCAPLUS

DN 135:223214

ED Entered STN: 14 Jun 2001

TI Purification and characterization of active recombinant rat kallikrein rK9

AU Zani, M.-L.; Brillard-Bourdet, M.; Lazure, C.; Juliano, L.; Courty, Y.; Gauthier, F.; Moreau, T.

CS Laboratory of Enzymology and Protein Chemistry, INSERM EMI-U 00-10, University Francois Rabelais, Tours, 37032, Fr.

SO Biochimica et Biophysica Acta (2001), 1547(2), 387-396

CODEN: BBACAQ; ISSN: 0006-3002

PB Elsevier Science B.V.

DT Journal

LA English

CC 7-2 (Enzymes)

AB The rat tissue kallikrein rK9 is most abundant in the submandibular gland and the prostate. It has been successfully expressed in the Pichia pastoris yeast expression system. A full-length cDNA coding for the mature rK9 was fused in frame with yeast  $\alpha$ -factor cDNA. The fusion protein was secreted into the medium with high yield without being processed by the yeast KEX2 signal peptidase. Mature rK9 was efficiently released from the fusion protein by trypsin and was purified to